

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

H9WE  
Revision 1  
Invest in Opportunities  
HUS-1  
Revised January 24, 2005

TYPE CERTIFICATE DATA SHEET NO. H9WE

This data sheet which is a part of type certificate No. H9WE prescribes conditions and limitations under which the product for which the type certificate was issued meets the airworthiness requirements of the Federal Aviation Regulations.

Type Certificate Holder: **This Type Certificate (TC) has been designated as ABANDONED** (See Note 6)

Type Certificate Holder Record: Invest In Opportunities, Inc.  
P.O. Box 779  
Sunset Beach, California 90742

**I. - Model HUS-1 (Restricted Category) approved October 25, 1978**

Engine Wright Cyclone, R-1820-84A/84C

Fuel 100/130 or 115/145 minimum grade aviation gasoline

Engine limits	<u>HP</u>	<u>RPM</u>	<u>M.P. IN HG</u>	<u>ALT</u>
Fuel Grade 115/145				
Max. Continuous	1275	2500	47.5	S.L.
Max. Continuous	1275	2500	46.0	3500 ft.
Takeoff (5 min.)	1525	2800	56.5	S.L.
Takeoff (5 min.)	1525	2800	55.5	700 ft.
(Straight line manifold pressure variation with altitudes shown)				
Fuel Grade 100/130				
Max. Continuous	1275	2500	47.5	S.L.
Max. Continuous	1275	2500	46.0	3500 ft.
Takeoff (5 min.)	1325	2800	50.0	S.L.
Takeoff (5 min.)	1325	2800	49.5	2000 ft.
(Straight line manifold pressure variation with altitude shown)				

Rotor Limits Maximum 258 r.p.m.  
Minimum 170 r.p.m.

Airspeed limits Vne (never exceed) 120 CAS  
(See Note 2 for required placard)

C.G. range (+130.7) to (+146.7)

Datum 137.7 inches forward of main rotor centroid

Leveling means Plumb bob from top of cabin door frame to scale on lower door sill

Maximum weight 12,700 lbs.

Minimum Crew 1 (pilot) (See Note 2)

Fuel capacity (usable)	<u>Location</u>	<u>Volume (Gal.)</u>	<u>Arm (Inches)</u>
	Fwd. Tank	100.5	+121
	Center Tank	70.0	+184

Page No.	1	2	3
Rev. No.	1	1	1



## NOTE 2. (Cont'd)

- (e) "Maximum Approved Gross Weight 12,700 lbs."
- (f) "This helicopter has been certified in the restricted category only."

NOTE 3. Replacement times for life-limited parts are specified in Sikorsky S-58 Maintenance Manual Publication No. SA4045-15 Part IV, Section IV, revised May 5, 1971, unless superseded by appropriate Airworthiness Directives. The replacement period can not be extended without FAA approval.

NOTE 4. Prior to civil airworthiness certification, the following must be accomplished:

- (a) The provisions of the following ADs and all subsequent applicable ADs.  
  
ADs 57-19-02, 59-16-04, 60-17-03, 60-24-04, 61-01-03, 64-02-06, 66-19-04, 74-15-06, 75-07-07, 75-07-08 and 75-13-01.
- (b) The provisions of the following Sikorsky Service Bulletins 58B:  
General-1, General-2, 10-2, 10-3, 10-5, 10-7, 10-10A, 15-1F, 15-2B, 15-3, 15-4H, 15-5C, 15-6A, 15-8, 15-9A, 15-14A, 20-1D, 20-2, 20-6B, 20-7A, 20-9A, 20-10, 20-11, 20-12H, 20-14B, 20-15, 20-17A, 25-1, 30-1, 30-4, 35-1A, 35-2, 35-3B, 35-5A, 35-6, 35-7A, 35-8B, 35-9, 35-11, 35-16C, 35-17B, 35-18B, 35-19, 40-1, 40-2, 40-4, 65-1, 65-2A, 65-3B AND 65-4A.
- (c) Deactivate Automatic Flight Control System if installed.

NOTE 5. Maintenance will be accomplished in accordance to the S-58 Maintenance Manual SA4045-15.

Component overhaul intervals shall be in accordance with "Sikorsky Aircraft Engineering Recommended and Customer Approved Component Overhaul Intervals and Replacement Times," Parts I and II, dated 5 September 1956.

NOTE 6. **This Type Certificate (TC) has been designated "ABANDONED".** A "Notice of Intent To Designate as Abandoned Certain Type Certificates Issued in the Restricted Category," was published by the Federal Aviation Administration (FAA) in the Federal Register on August 8, 2003 (68 FR 47379). That Notice listed this TC. The FAA received no comments on the published Notice. The FAA has been unable to contact this TC holder. Hence, the FAA has determined that this TC holder is not complying with its Continued Operational Safety (COS) responsibilities. Therefore, no additional aircraft will be added to this TC and no additional original airworthiness certificates will be issued based on this TC. The effectiveness of this TC is limited to those aircraft that received original airworthiness certification prior to the incorporation of this note (Date of Incorporation, January 24, 2005). Subsequently, if the TC holder is located and assumes their COS responsibilities, the restriction(s) imposed by this note may be lifted.

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